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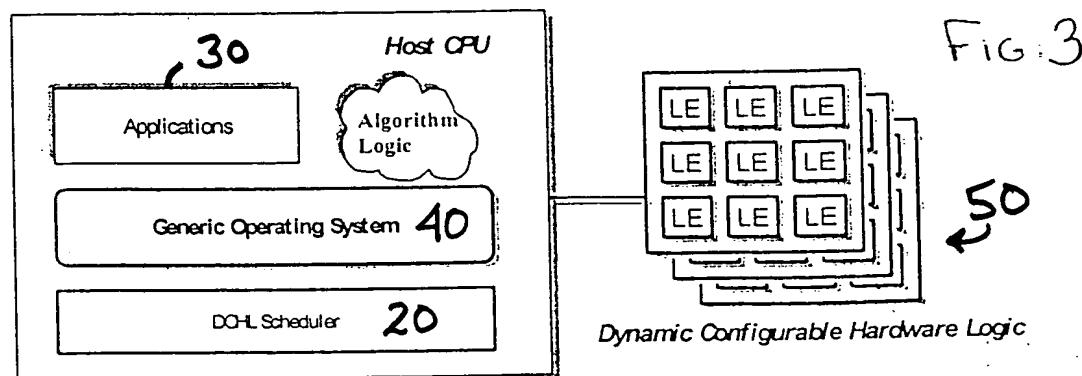
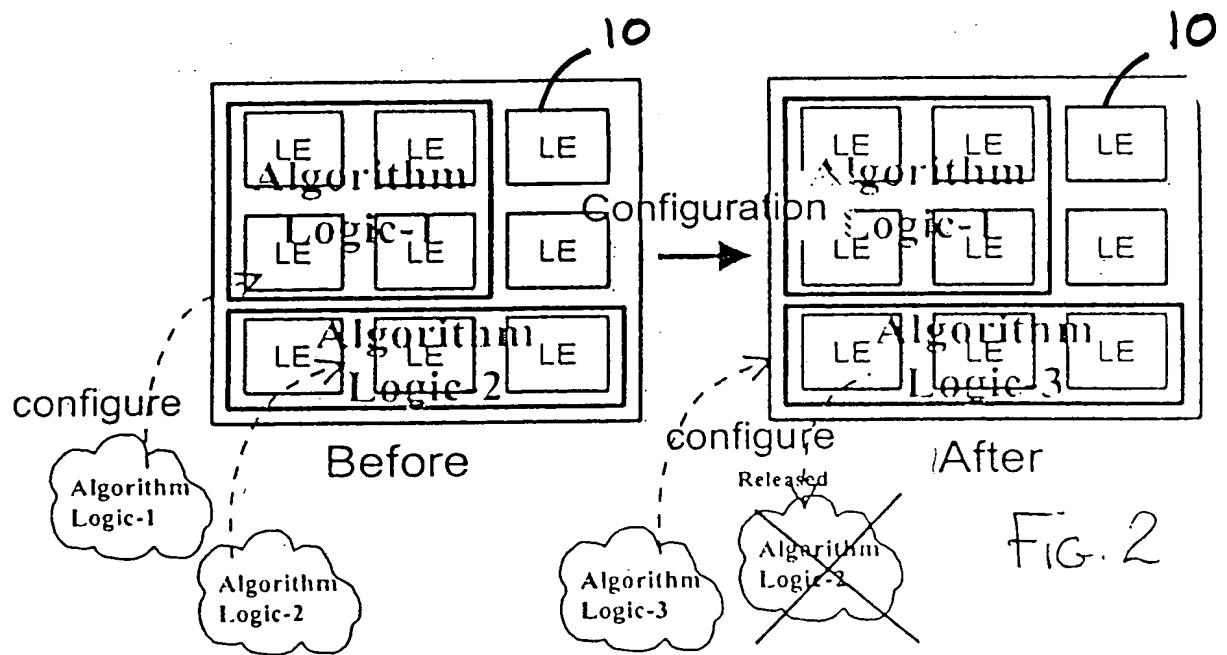
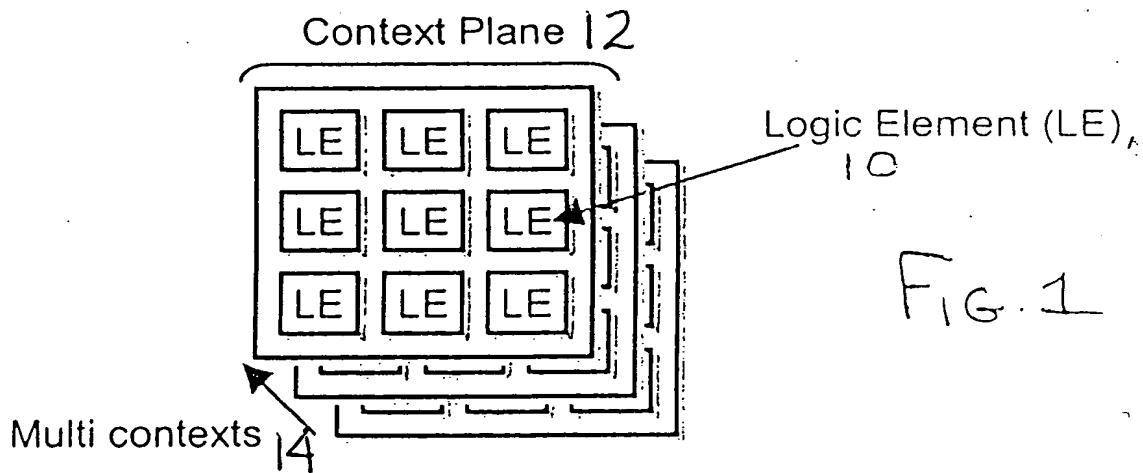
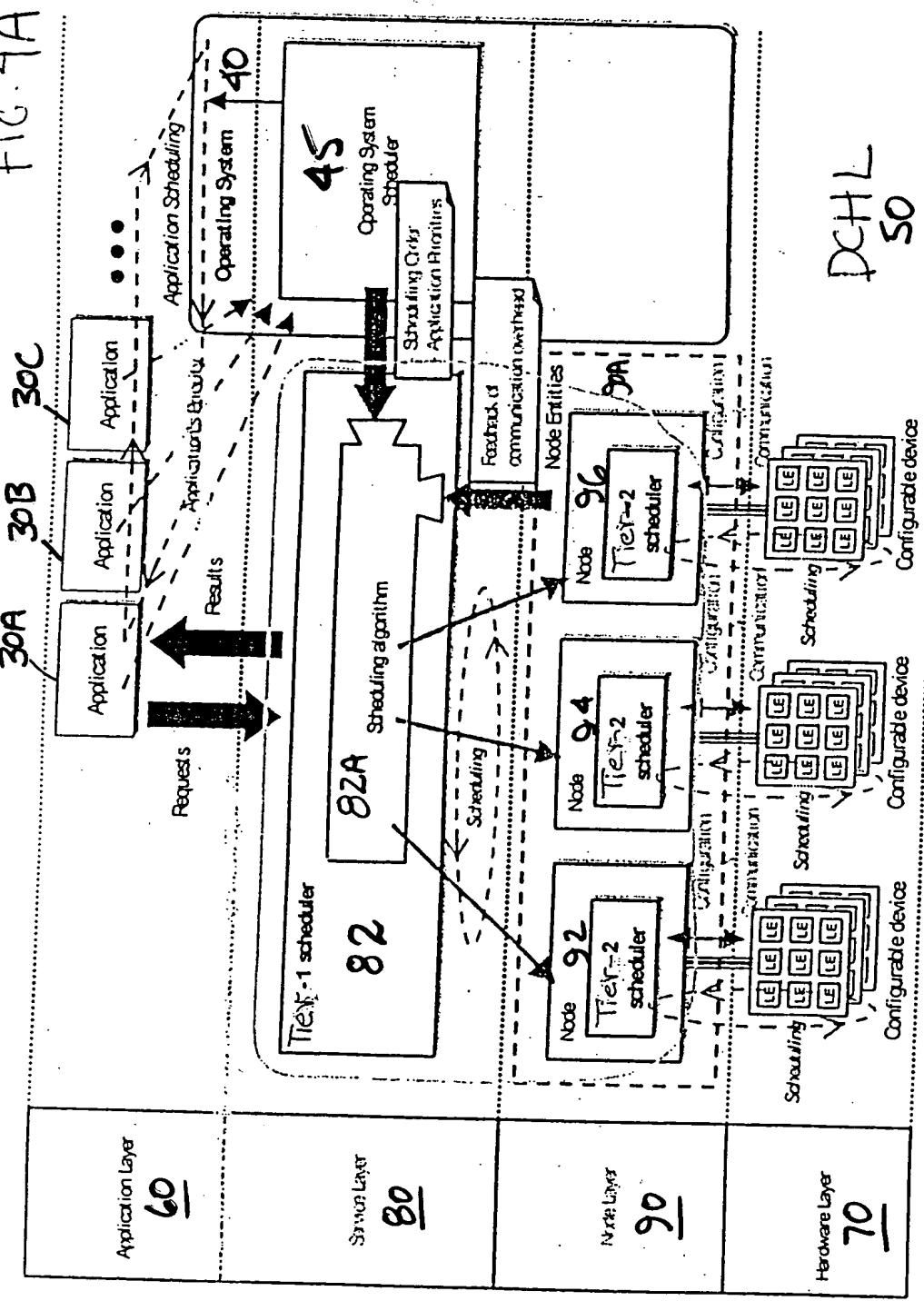


FIG. 4A



30A 30B 30C

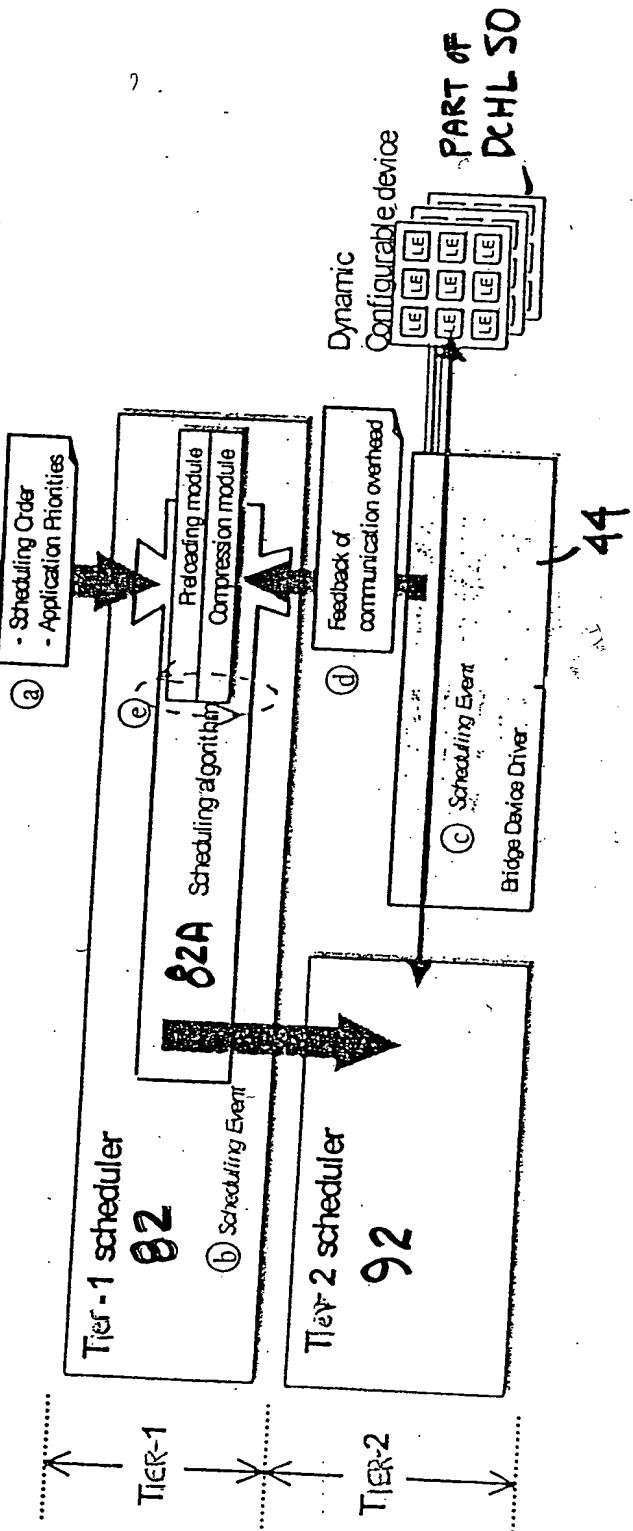
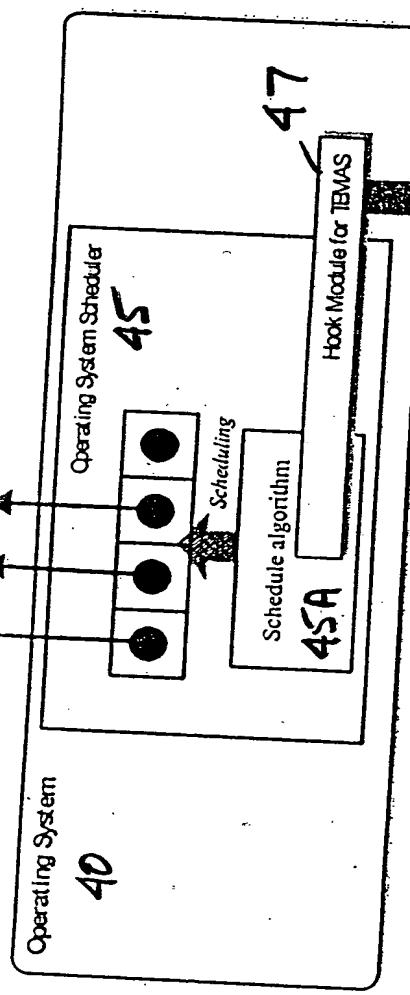


FIG. 4B

Fig. 5

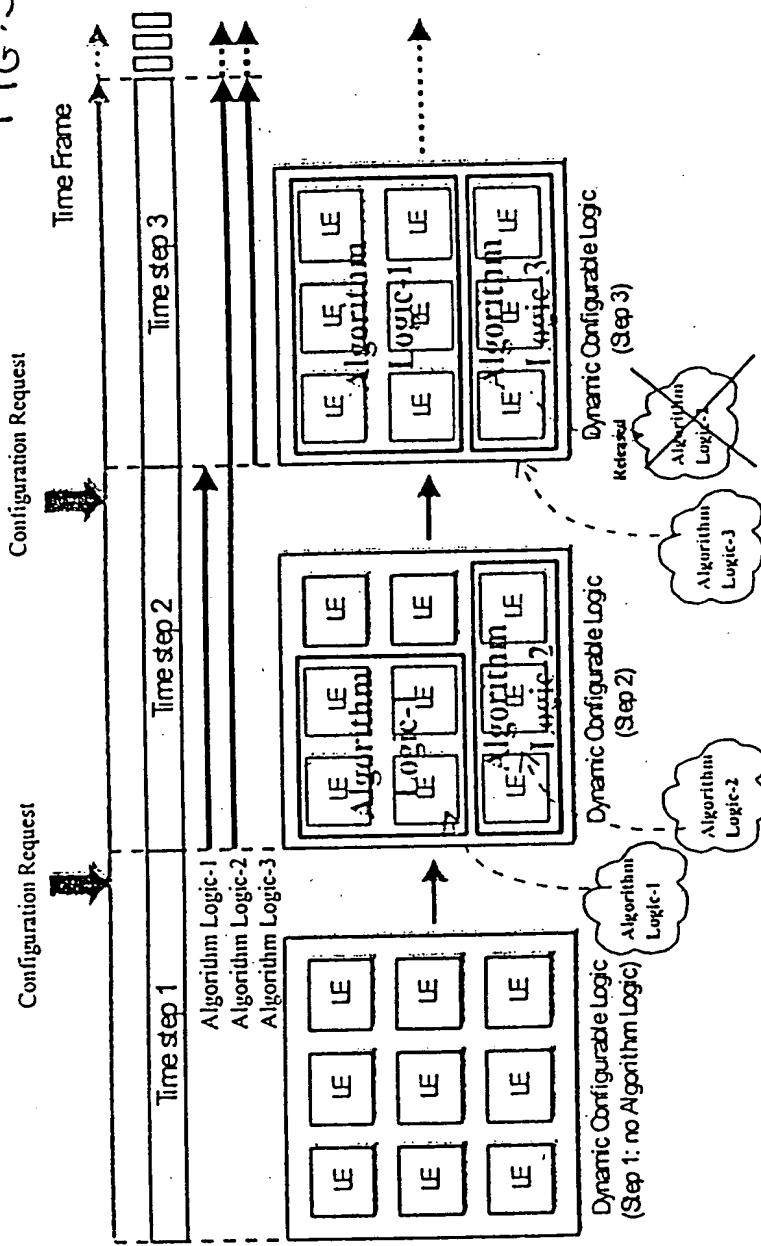


FIG. 6

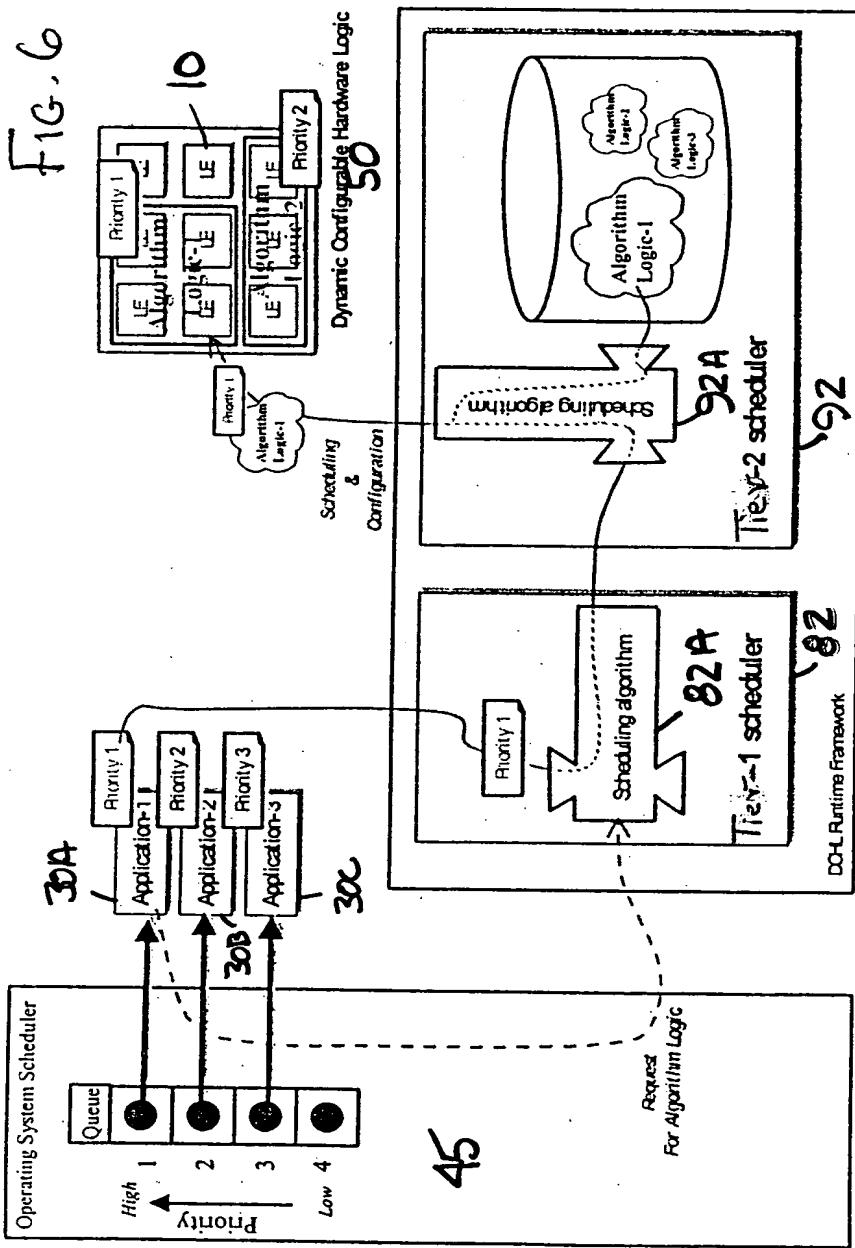
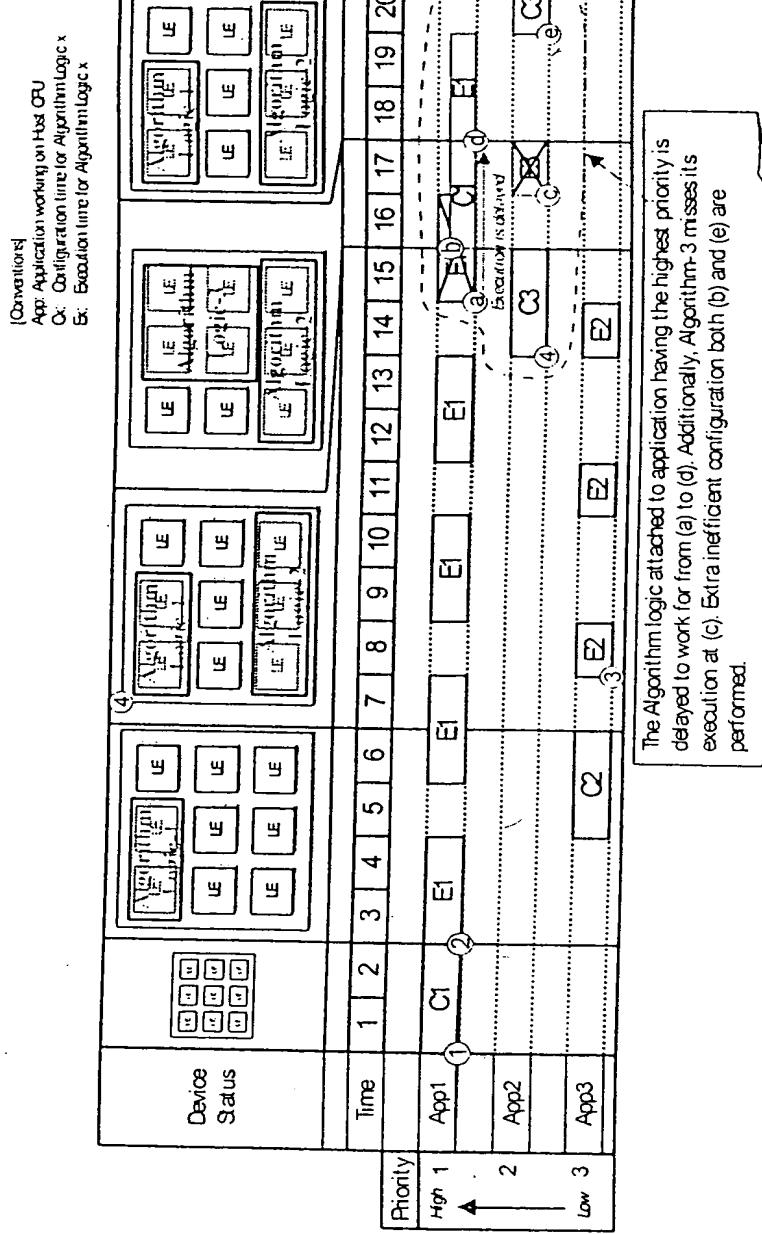


Fig. 7



(Q) Initialization
 App: Application working in the OTU
 Or: Configuration time for Algorithm logic x
 Ex: Execution time for Algorithm logic x

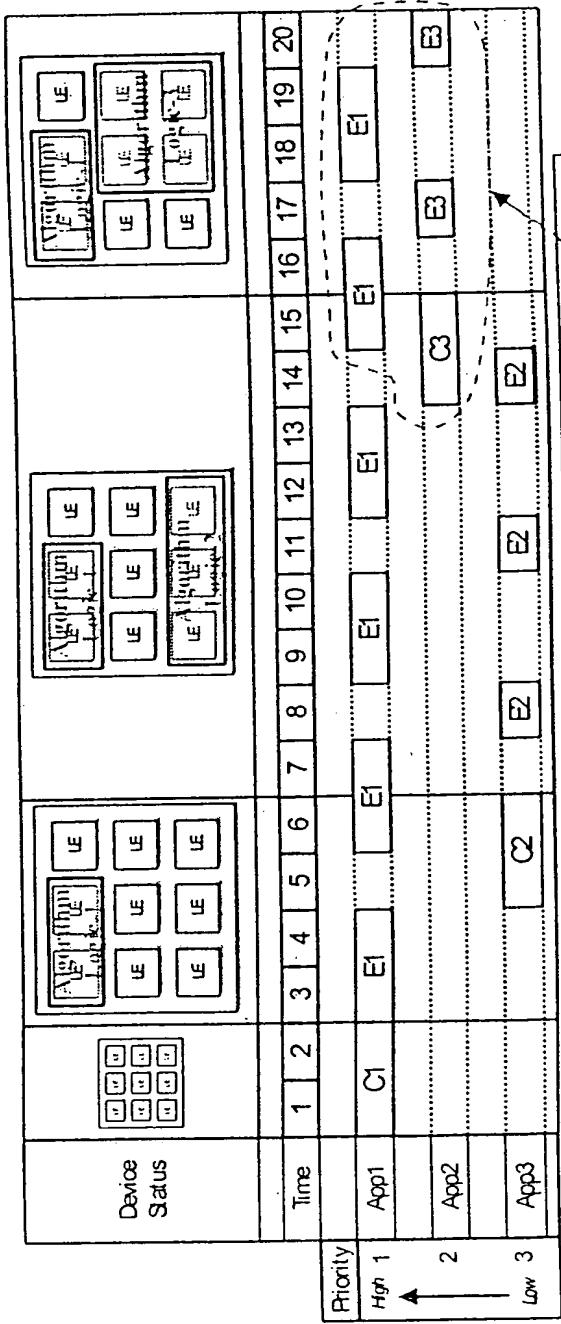
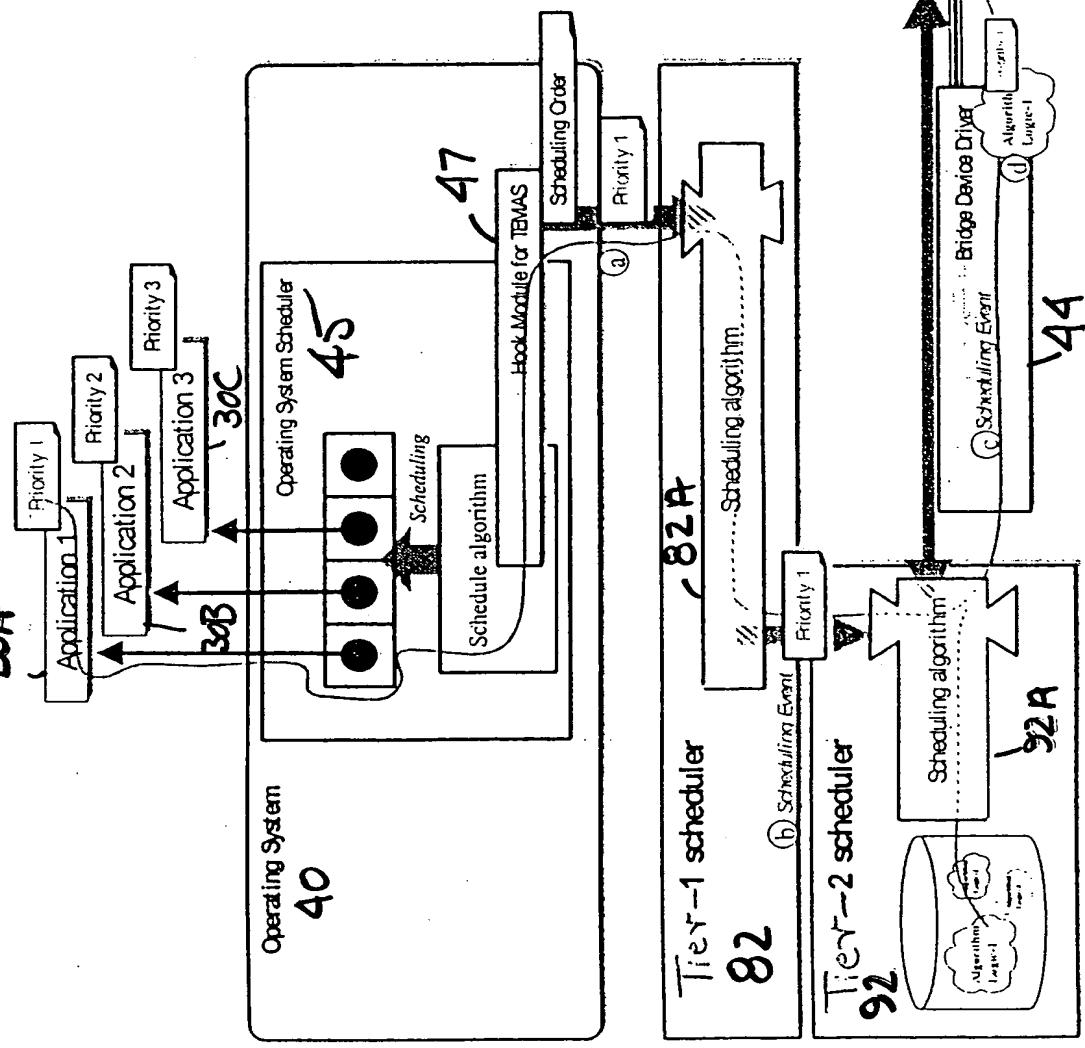


Fig. 8

Algorithm logics attached to applications having higher priority are working fine, which means that execution delay and extra configuration doesn't occur. The R ensures the best utilization.

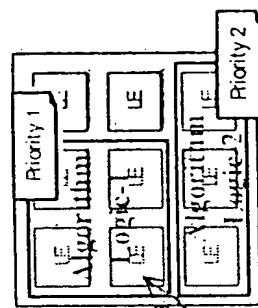
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Dynamic Configurable device



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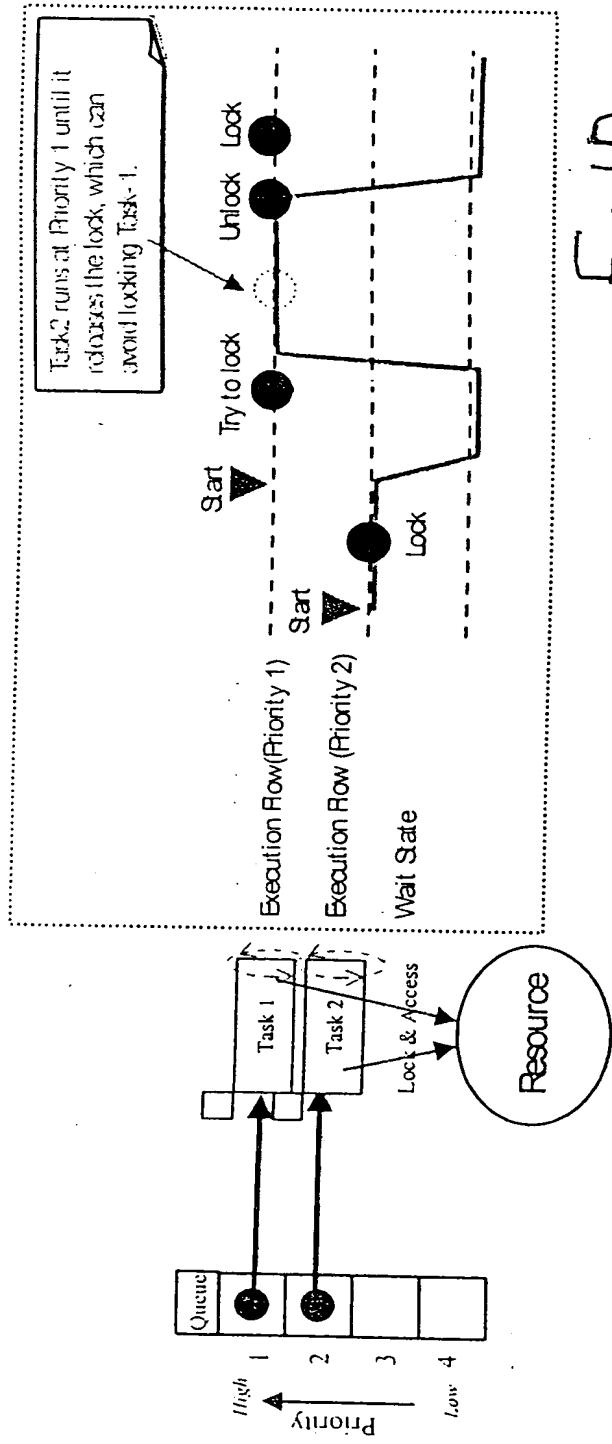


Fig. 1D
PRIO RR

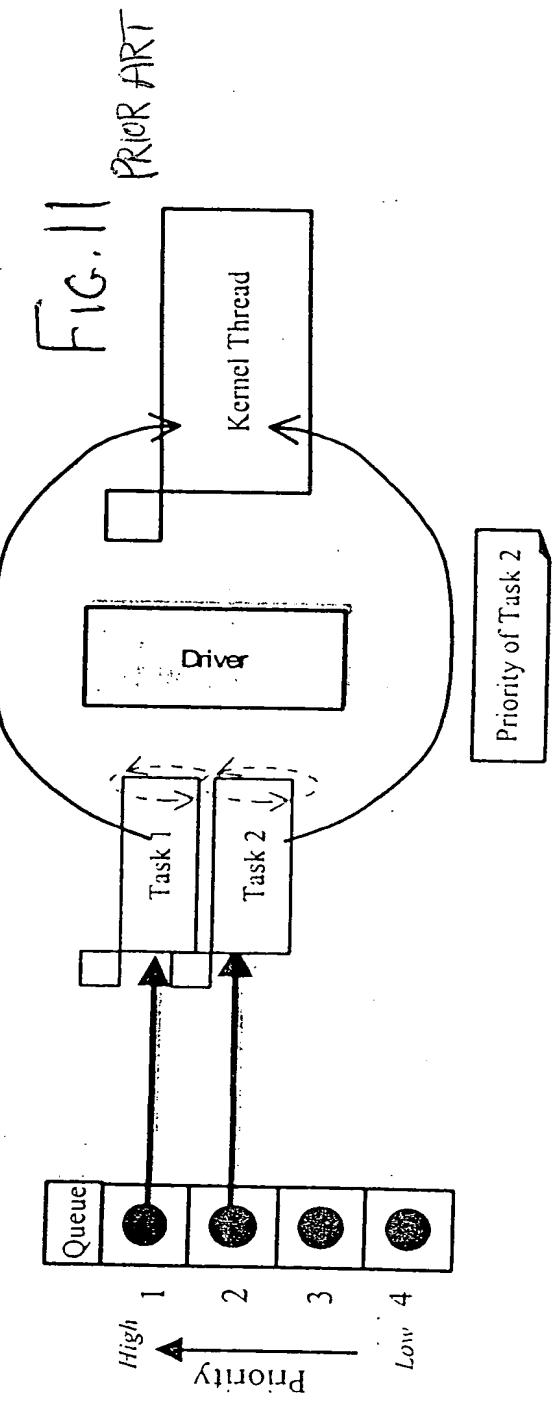
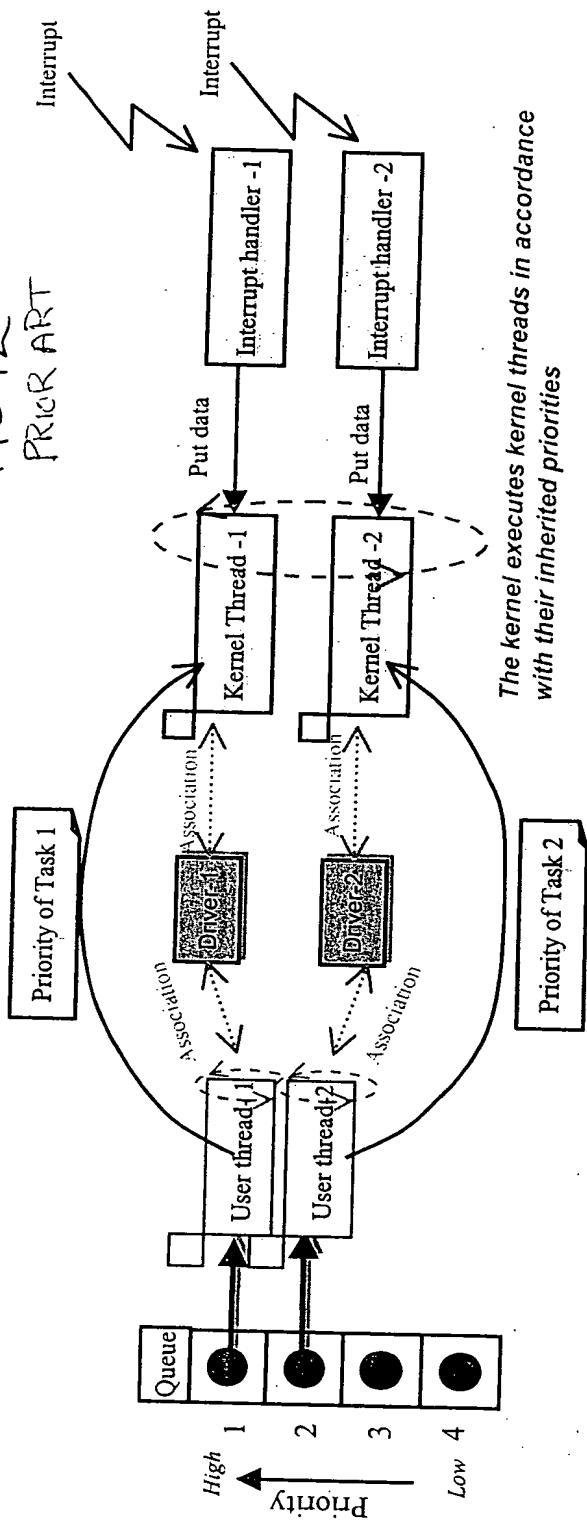


Fig. 1I
PRIO RR

Fig. 12
PRIoR ART



The kernel executes kernel threads in accordance with their inherited priorities

